

Leaving Cert Applied Maths Exam 2025

Remember: "You can't control how the game is going to go.....but you CAN control how you prepare for it."

Higher & Ordinary Level:

➤ Layout of Exam:

- In 2025, the Leaving Cert Applied Maths exam at both Higher Level and Ordinary Level will have the following format:
 - A written exam with 10 Questions worth 50 marks each - students have to answer 8
 - A modelling project worth 100 marks submitted by the 9th of April
- The paper will be 150 mins (2.5 hours)

➤ Topics:

- Judging from the SEC Sample Papers and previous papers, questions will not be topic specific like they were in the old course, so a question could have a mix of topics in it from any of the following:

Vectors	Work, Energy, Power	Calculus
Uniform Acceleration	Impacts & Collisions	Differential Equations
Projectiles	Circular Motion	Networks & Graphs
Newton's Laws	Difference Equations	Optimal Paths

➤ Suggested Timing:

- For this year, it would be a good idea to stick roughly to the following times for each paper:
 - 5 - 10 mins reading time initially and question selection
 - ~15 mins for each question (120 mins in total)
 - ~20 mins for going back over the paper, finishing any questions you ran out of time in and checking the list of things below

➤ Things you should check if you have time:

1. Did you answer what the question asked?
2. Did you check your answers where possible?
3. Did you round the answer correctly (if asked) and apply the correct units (if needed)?
4. Did you attempt everything? Never leave a blank if you can, as it's worth 0 marks.....try something!

➤ Other useful tips to maximise performance:

1. You don't have to start with Q1.....quickly scan through the paper and pick something that looks okay, that your familiar with. ("Try to win the first ball" 😊)
2. **Watch your time**.....see above! There's no point spending 30 mins on a question, trying to get out the last bit of it, which might only be worth a couple of marks, and miss out on potentially easier marks in another question.
3. If you need an answer from a part of a question for a subsequent part, just write "Let answer to part (i) = ???" and proceed to the next part using that answer.
4. Don't use Tippex.....just put one line through any work that's wrong and move on.
5. It's important to lay out your work clearly so it's easy to follow.....work down the page and then from left to right.